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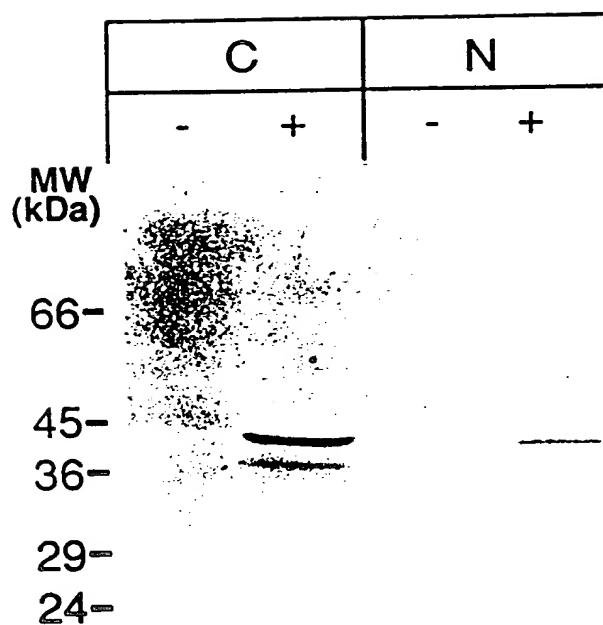


FIG. 2A

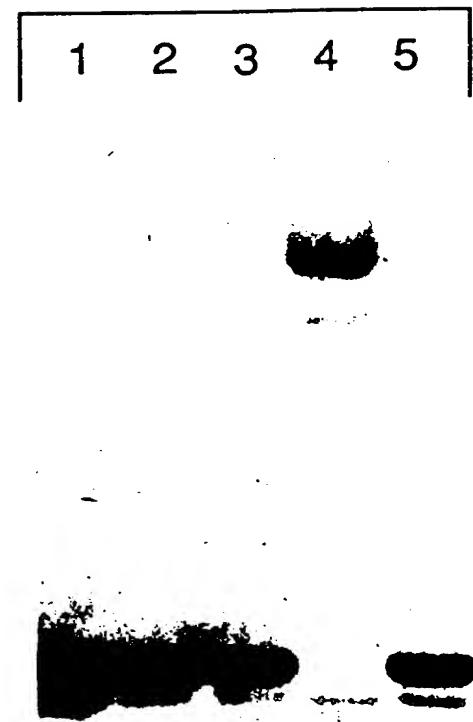


FIG. 2B

FIG. 3A

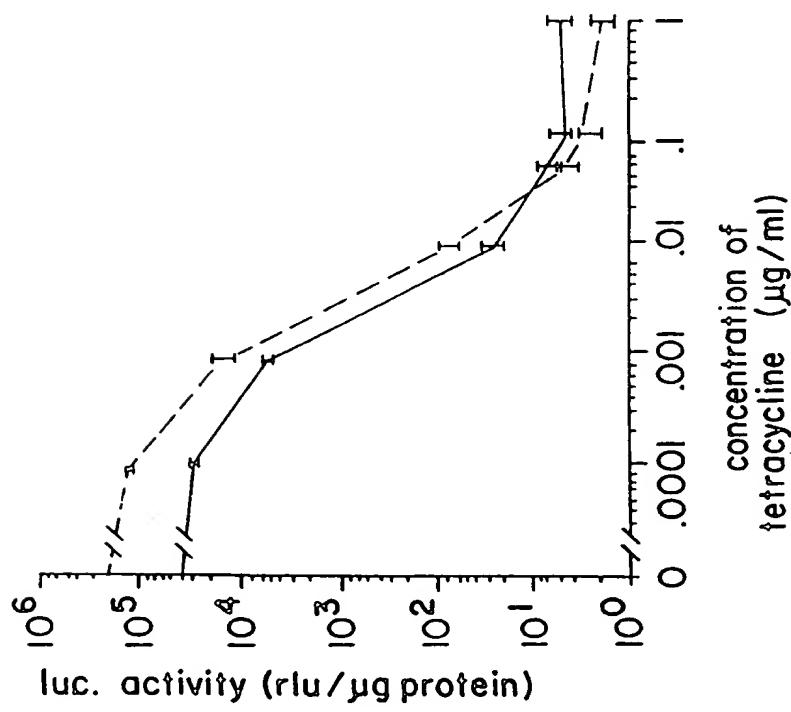
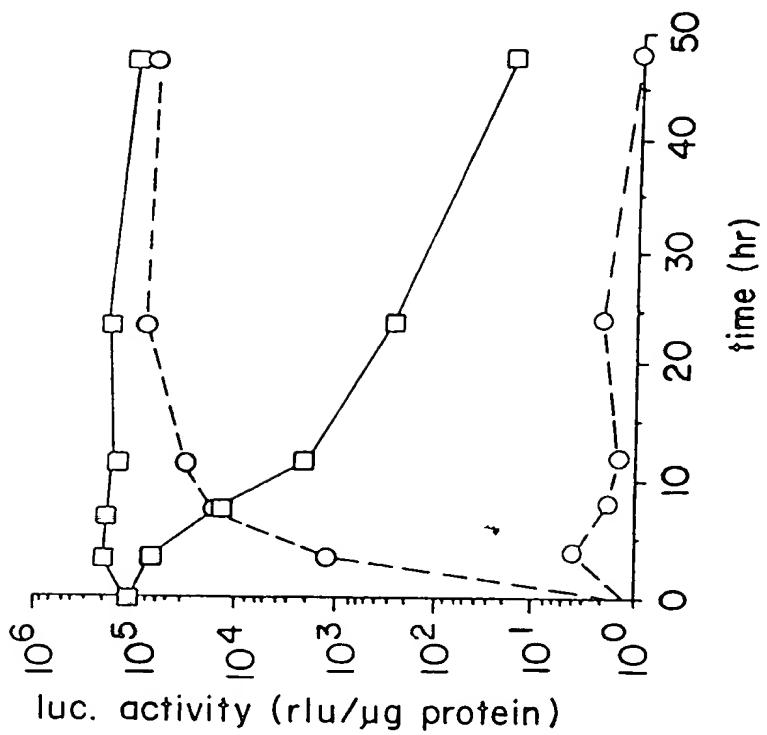


FIG. 3B



more than three amino acids in length. If the sequence contains more than three amino acids, the first three are grouped together and the remaining amino acids are grouped together.

ATG TCT AGA TTA GAT AAA AGT AAA GTG ATT AAC AGC GCA TTA GAG CTC CTT AAT
Met Ser Arg Leu Asp Lys Ser Lys Val Ile Asn Ser Ala Leu Glu Leu Leu Asn

GAG GTC GGA ATC GAA GGT TTA ACA ACC CGT AAA CTC GCC CAG AAG CTA GGT GTA
Glu Val Gly Ile Glu Gly Leu Thr Arg Lys Leu Ala Gln Lys Leu Gly Val

GAG CAG CCT ACA TTG TAT TGG CAT GTA AAA AAT AAG CGG GCT TTG CTC GAC GCC
Glu Gln Pro Thr Leu Tyr Trp His Val Lys Asn Lys Arg Ala Leu Leu Asp Ala

TTA GCC ATT GAG ATG TTA GAT AGG CAC CAT ACT CAC TTT TGC CCT TTA GAA GGG
Leu Ala Ile Glu Met Leu Asp Arg His His Thr His Phe Cys Pro Leu Glu Gly

GAA AGC TGG CAA GAT TTT TTA CGT AAT AAG GCT AAA AGT TTT AGA TGT GCT TTA
Glu Ser Trp Gln Asp Phe Leu Arg Asn Lys Ala Lys Ser Phe Arg Cys Ala Leu

Fig. 4A

for β_{GDP} and β_{GDP} for β_{GDP}

CTA ACT CAT CGC GAT GGA GCA AAA GTA CAT TTA GGT ACA CGG CCT ACA GAA AAA
Leu Ser His Arg Asp Gly Ala Lys Val His Leu Gly Thr Arg Pro Thr Glu Lys

CAG TAT GAA ACT CTC GAA AAT CAA TTA GCC TTT TTA TGC CAA CAA CGT TTT TCA
Gln Tyr Glu Thr Leu Glu Asn Gln Leu Ala Phe Leu Cys Gln Gly Phe Ser

CTA GAG AAT GCA TTA TAT GCA CTC AGC GCT GTG GGG CAT TTT ACT TTA GGT TGC
Leu Glu Asn Ala Leu Tyr Ala Leu Ser Ala Val Gly His Phe Thr Leu Gly Cys

GTA TTG GAA GAT CAA GAG CAT CAA GTC GCT AAA GAA AGG GAA ACA CCT ACT
Val Leu Glu Asp Gln Glu His Gln Val Ala Lys Glu Glu Arg Glu Thr Pro Thr

ACT GAT AGT ATG CCG CCA TTA CGA CAA GCT ATC GAA TTA TTT GAT CAC CAA
Thr Asp Ser Met Pro Pro Leu Leu Arg Gln Ala Ile Glu Leu Phe Asp His Gln

Fig. 4B

Arg Glu Leu Ser Thr Ala Pro Pro Thr Asp Val Ser Leu Gly Asp Glu Leu His

GGT GCA GAG CCA GCC TTC TTA TTC GGC CTT GAA TTG ATC ATA TGC GGA TTA GAA
Gly Ala Glu Pro Ala Phe Leu Gly Leu Glu Leu Ile Ile Cys Gly Leu Glu

AAA CAA CTT AAA TGT GAA ACT GGG TCC GCG TAC AGC CGC GCG CGT ACG AAA AAC
Lys Gln Leu Lys Cys Glu Ser Gly Ser Ala Tyr Ser Arg Ala Arg Thr Lys Asn

AAT TAC GGG TCT ACC ATC GAG GGC CTG CTC GAT CTC CCG GAC GAC GAC GCC CCC
Asn Tyr Gly Ser Thr Ile Glu Gly Leu Leu Asp Leu Pro Asp Asp Ala Pro

GAA GAG GCG GGG CTG GCG GCT CGG CGC CTG TCC TTG CTC CCC GCG GGA CAC ACC
Glu Glu Ala Gly Leu Ala Ala Pro Arg Leu Ser Phe Leu Pro Ala Gly His Thr

CGC AGA CTG TCG ACG GCC CCC CGG ACC GAT GTC AGC CTG GGG GAC GAG CTC CAC
Arg Arg Leu Ser Thr Ala Pro Pro Thr Asp Val Ser Leu Gly Asp Glu Leu His

Fig. 4C

open doors were seen about the house, and that their light shone from them.

TTA GAC GGC GAG GAC GTG GCG ATG GCG CAT GCC GAC GCG CTA GAC GAT TTC GAT
Leu Asp GlY Glu Asp Val Ala Met Ala His Ala Asp Ala Leu Asp Asp Phe Asp

CTG GAC ATG RTG GGG GAC GGG GAT TCC CCG GGT CCG GGA TTT ACC CCC CAC GAC
Leu Asp Met Leu Gly Asp GLY Asp Ser Pro Gly Pro Gly Pro Gly Phe Thr Pro His Asp

TCC GCC CCC TAC GGC GCT CTG GAT ATG GAC TTC GAG TTT GAG CAG ATG TTT
Ser Ala Pro Tyr Gly Ala Leu Asp Met Ala Asp Phe Glu Phe Glu Gln Met Phe

ACC	GAT	CCC	CTT	GGA	ATT	GAC	GAG	TAC	GGT	GGG	TAG
Thr	Asp	Pro	Leu	Gly	Ile	Asp	Glu	Tyr	Gly	Gly	*



Fig. 4D

Chia: Sáng sớm ngày đầu tiên là một ngày đặc biệt.

ATG	TCT	AGA	TTA	GAT	AAA	AGT	AAA	GTG	ATT	AAC	GCA	TTA	GAG	CTG	CTT	AAT
Met	Ser	Arg	Leu	Asp	Lys	Ser	Lys	Val	Ile	Asn	Ser	Ala	Leu	Glu	Leu	Asn

GAG	GTC	GGA	ATC	GAA	GGT	TTA	ACA	ACC	CGT	AAA	CTC	GCC	CAG	AAG	CTA	GGT	GGT
Glu	Val	Gly	Ile	Glu	Gly	Leu	Thr	Thr	Arg	Lys	Leu	Ala	Gln	Lys	Leu	Gly	Val

GAG	CAG	CCT	ACA	TTG	TAT	TGG	CAT	GTA	AAA	AAT	AAG	CGG	GCT	TTG	CTC	GAC	GCC	
Glu	Gln	Gln	Pro	Thr	Leu	Tyr	Trp	His	Val	Lys	Asn	Lys	Arg	Ala	Leu	Leu	Asp	Ala

TTA GCC ATT GAG ATG ATG TTA GAT AGG CAC CAT ACT CAC TTT TGC CCT TTA GAA GGG
Leu Ala Ile Clu Met Leu Asp Arg His His Thr His Phe Cys Pro Leu Glu Gly

GAA	AGC	TGG	CAA	GAT	TTC	TTA	CGT	AAT	AAC	GCT	AAA	AGT	TTT	AGA	TGT	GCT	TTA
Glu	Ser	Trp	Gln	Asp	Phe	Leu	Arg	Asn	Asn	Ala	Lys	Ser	Phe	Arg	Cys	Ala	Leu

Fig. 5A

who were doing very well in
the field and had been sent
over there from time to time.

CTA AGT CAT CGC GAT GGA GCA AAA GTA CAT TTA GGT ACA CGG CCT ACA GAA AAA
Leu Ser His Arg Asp Gly Ala Lys Val His Leu Gly Thr Arg Pro Thr Glu Lys

CAG	TAT	GAA	ACT	CTC	GAA	AAT	CAA	TTA	GCC	TIT	TTA	TGC	CAA	CAA	GGT	TTT	TCA
Gln	Tyr	Glu	Thr	Leu	Glu	Asn	Gln	Leu	Ala	Phe	Leu	Cys	Gln	Gln	Gly	Phe	Ser

CTA GAG AAT GCA TTA TAT GCA CTC AGC GCT GTG GGG CAT TTT ACT TTA GGT TGC
Leu Glu Asn Ala Leu Tyr Ala Leu Ser Ala Val Gly His Phe Thr Leu Gly Cys

GTA	TTG	GAA	GAT	CAA	GAG	CAT	CAA	GTC	GCT	AAA	GAA	GAA	AGG	GAA	ACA	CCT	ACT
Val	Leu	Glu	Asp	Gln	Glu	His	Gln	Val	Ala	Lys	Glu	Glu	Arg	Glu	Thr	Pro	Thr

ACT GAT AGT ATG CCG CCA TTA TTA CGA CAA GCT ATC GAA TTA TTA TTA GAT CAC CAA
Thr Asp Ser Met Pro Pro Leu Leu Arg Gln Ala Ile Glu Leu Phe Asp His Gln

Fig. 5B

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GGT GCA GAG CCA GCC TTC TTA TTC GGC CTT GAA TTG ATC ATA TGC GGA TTA GAA
Gly Ala Glu Pro Ala Phe Leu Phe Gly Leu Glu Leu Ile Cys Gly Leu Glu

AAA CAA CTT AAA TGT GAA AGT GGG TCT GAT CCA TCG ATA CAC ACG CGC AGA CTG
Lys Gln Leu Lys Cys Glu Ser Gly Ser Asp Pro Ser Ile His Thr Arg Arg Leu

TCG ACG GCC CCC CCG ACC GAT GTC AGC CTG GGG GAC GAG CTC CAC TTA GAC GGC
Ser Thr Ala Pro Pro Thr Asp Val Ser Leu Gly Asp Glu Leu His Leu Asp Gly

GAG GAC GTG GCG ATG GCG CAT GCC GAC GCG CTA GAC GAT TTC GAT CTG GAC ATG
Glu Asp Val Ala Met Ala His Ala Asp Ala Leu Asp Asp Phe Asp Leu Asp Met

TTG GGG GAC GGG GAT TCC CCG GGT CCG GGA TTT ACC CCC CAC GAC TCC GCC CCC
Leu Gly Asp Gly Asp Ser Pro Gly Pro Gly Phe Thr Pro His Asp Ser Ala Pro

Fig. 5C

Fig 5D

TAC	GGC	GCT	CTG	GAT	ATG	GCC	GAC	TTC	GAG	TTT	GAG	CAG	ATG	TTT	ACC	GAT	GCC	
Tyr	Gly	Ala	Leu	Asp	Met	Ala	Asp	Phe	Glu	Phe	Glu	Gln	Gln	Met	Phe	Thr	Asp	Ala

CTT	GGA	ATT	GAC	GAG	TAC	GGT	GGG	TTC	TAG								
Leu	Gly	Ile	Asp	Glu	Tyr	Gly	Gly	Phe	*								

GAATTCTCGAGTTACCTCCCTATCAGTGATAGAGAAAAGTGAAGTCGAGTTACCACTC
CCTATCAGTGATAGAGAAAAGTGAAGTCGAGTTACCTCCCTATCAGTGATAGAGAAAAGT
GAAAGTCGAGTTACCTCCACTCCCTATCAGTGATAGAGAAAAGTGAAGTCGAGTTACCACTCCC
TATCAGTGATAGAGAAAAGTGAAGTCGAGTTACCACTCCCTATCAGTGATAGAGAAAAGTGA
AAGTCGAGTTACCTCCCTATCAGTGATAGAGAAAAGTGAAGTCGAGCTCGGTACCCGGGT
CGAGTAGGGCGTGTACGGGTGGGAGGCCTATAAGCAGAGCTCGTTAGTGAACCGTCAGATCGC
CTGGAGACGCCATCCACGCTGTTGACCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGC
GG

Fig. 6

GAATTCTCGACCCGGTACCGAGCTCGACTTTCACTTCTATCACTGATA
AACTCGACTTTCACTTCTCTATCACTGATA
ATCAGTGAGGTGGTAAACTCGACTTTCACTTCTCTATCACTGATA
CTCGACTTTCACTTCTCTATCACTGATA
CACTGATA
CGAGTAGGGAGTGGTAAACTCGACTTTCACTTCTCTATCACTGATA
CTGGAGACGCCATCCACGGCTGTTGACCTCCATAGAAGACAC
GG

Fig. 7

GAGCTCGACTTTCACTTCTTCACTGATA
TATCACTGATGGAGTGGTA
AACTCGACTTTCACTTCTTCACTGATA
TCGACTGATA
GGGAGTGGTA
AACTCGACTTTCACTTCTTCACTGATA
TCGACTTCACTTCTTCACTGATA
GGGAGTGGTA
AACTCGAGAT
CCGGGAATT
CGAAC
ACGCAGAT
GCAGTCGGGGGGCGGGTCCACT
TCGCATATTAAGGTGAC
GGCGTGTGG
CCTCGAACACCGAG

Fig. 8

CTCGAGTTACCACTCCCTATCAGTGTAGAGAAAAGTCGAGTTACCACTCCCTATC
AGTGATAGAGAAAAGTGAAGTCGAGTTACCACTCCCTATCAGTGATAGAGAAAAGTGAAGT
CGAGTTACCACTCCCTATCAGTGTAGAGAAAAGTCGAGTTACCACTCCCTATCAGTG
TGATAGAGAAAAGTGAAGTCGAGTTACCACTCCCTATCAGTGATAGAGAAAAGTGAAGT
AGTTTACCACTCCCTATCAGTGTAGAGAAAAGTGAAGTCGAGCTCGGTACCCGGTACGGT
GGCGTGTACGGTGGAGGCCTATAAGCAGAGCTCGTTAGTGAACCGTCAAGATGCCCTGAG
ACGCCATCCACGGCTGTTGACCTCCATAGAAGACACCGGACCGATCCAGCCTCCGGCCCC
GAATTCGAGCTCGGTACCGGGCCCCCTCGAGGGTCCAGGTTACGGTATCGATAAGCTTGATATCGAA
TCCAGGAGGTGGAGATCCGGTCCAGCCAACCCACACCCATTCTCCCTCTGCC
TATATCCGGCACCCCTCCTAGCCCTTCCCTCCAGAGACGGGAGGAGAAAAG
GGGAGTGTAGGCAACTGACATGAGCTGAGCTGAAGGCAAAGGAACCTCGGGTCCCCACGTGGCGGGC
GGGGCGCCCTCCCCACCCGAGGTGGATCCCAAGCTCGGTCTGCCCTGGGACCCCTGGCCCTTCC
AGGGGAGCCAGACCTCAGAGGCCTCGTCTGTAGTCTCCGCCATCCCTGACGGGTT

Fig. 9A

GCTCTCCCCCGCCCTGTCAAGGGCAGAACCCCCCAGACGGGAAGGACGGACCCACCGTCG
TTGTCAAGACGTGGAGGGCATTTCCTGGAGTTCGAAGCCCCGGAGGGCAGGACAGCAGCT
CGAGACCTCCAGAAAGGACAGGCCACGCCAGGGCCTGCCACCTGGGAGGCCATCAGCCCCGCT
GGGTCCCGGGCAGGCCACGCCAGGGCCTGCCACCTGGGAGGCCATCAGCCCCGCTGGCTGTT
GGCCCCGACCTTCCGAAGAACCCCCGGCTTACCAAAAGGGTGTGGCCCCGGCTCA
TGAGCCGACCCGAGGACAAGGCAGGGCACAGCTCTGGGACGGCAGGGCCCACAAGGTGCTGCC
CAGGGGACTGTACCATTCCAGGCAGCTGCTCCCCTCCTGGAGCCCTCACTGGCCGGCA
GTGAAGGCATCCCCGAGCCCCCTGGGGTGCAGGTAGCAGGAGGACAGGCTCCGAATCCGAGG
GCACCGTGGCCCCGCTCCTGAAGGGCCAACCTCGGGCAACTGGGAGGCACGGGGGGAGGAGG
AGCTGCCCGTGCCTCTGGAGGGCCGCAGGGCGTGGCCCTGTCCCCAAGGAAGATACT
CGCTTCTCGGGCCAGGGTCTCCTGGGGTGGATTTCATCCACGTGCCCATCCTGCCTCTCAACCCACGGCTCCC
CGCTGGCCACCTCGGGTGGATTTCATCCACGTGCCCATCCTGCCTCTCAACCCACGGCTCCC
GGCCACCCGGACCCAGGCAGGCTGCTGGAGGGAGGCTACGACGGGGGGGGCCGCCAGC

Fig. 9B

CCCTTCG_r. CCCGCAGGGGCTCCCCCTGTCCACCCCTGTGGCGGGCGGACTTCC
CCGACTGCACCTACCGCCGAGCCAAGATGACGCCGTTCCCCCTCTACGGCGACTT
CAGCCGCCCTCAAGATAAAGGAGGAGGAAGAACGCCGAGGGCTCCCCG
CGTACGGTACCTGGTGGCTGGTGCMAACCCGGCCCTTCCCCGACTTCCAGCTGGCAAGGGCG
CGCCACCCTCGCTGCCGCCTCGAGTGCCCTCGTCCAGACUCCCCGAAAGGGGAGCCTGGGGCT
CCCAGGCAGTGCCTCCGGTCTCCTCGTCCCTCGTGGGGTCAACCGCCTGGAGTGACATCCCTGTAC
AGGGCAGAAGGGCGGCCGCCAGCAGGGCCCTTGGGCCGCTGCCCTGCAAGGCCCTCCGGCG
CGGGCCCTGGCTCCGGGACGGCTGCCCTCCACCTCCGGCCTCGGGCG
GGCCGCCCTGGCTTACCCGACGGCTCGGCCCTCAACGGACTCCCCGCAACTCGGCTACCAGGCC
GCCGTGCTCAAGGAGGGCCTGCCGCAGGTCTACACGCCCTATCTCAACTACCTGAGGCCGGATT
CAGAAGGCCAGTCAGAGCCACAGTACAGCTTGAGTCACTAACCTCAGAAAGATTGGTTGATCTG
TGGGGATGAAGCATCAGGCTGTCAATTATGGTGTCCCTCACCTGTGGAGCTGTAAAGGTCTTCTT
AAAAGGGCAATGGAAGGGCAGCATAACTATTATGTGGAAAGAAATGACTGCATGTGATA

Fig. 9C

AAATCCGCAGGAAAAACTGCCCGGGTGTGCCCTTAGAAAGTGCTGTCAGGCTATGGCATGGTCCT
TGGAGGGCGAAAGTTAAAAGTCATAAAAGTCAGAGTCATGAGGCCACTTCAAGTCAAGAGA
CTCCCCACAGCCAGTGGCATTCCAATGAAAGCCAAACGAATCACTTTCTCCAAGTCAAGAGA
TACAGTTAACCCCCCTCTAACCTGTTAACCTGAGCATTTGAACCAAGATGTGATCTATGCAGG
ACATGACAACACAAGCCTGATAACCTCCAGTCTTGCAGGACTTAATCAACTAGGCCAG
CGGCAACTTCTTCAGTGGTAAATGGTCCAAATCTTCCAGGTTTCGAAACTTACATATTG
ATGACCAGATAACTCTCATCCAGTATTCTGGATGAGTTAACCTGACTGATCTAACATGGAG
ATCCTACAAACATGTCACTGGCAGATGCTGTATTGCTGACACTGATCTAACATGGAG
CGGATGAAAGAATCATCATTCACTATGCCCTTACCATGTGGCAGATACCGCAGGAGTTG
TCAAGCTTCAAGTTAGCCAAGAAGAGTTCCCTGCATGAAAGTTAACTACTTCTTAAATAACAAAT
TCCTTGGAAAGGACTAAGAACGTTGAGAGATGAGATCAAGCTACATTAGAGAG
CTCATCAAGGCAATTGGTTGGGCAAAAGGAGTTGCTCACAGCGTTCTATCAGC
TCACAAAACCTCTTGATAACTTGCATGATCTTGACTTGCTCACACAAACTTCACCTGTGAATAAC

Fig. 9D

ATTTATCCAGTCCCCGGGCTGAGTGTGAATTCCAGAAATGATGTGAAGTTATTGCTGCA
CAGTTACCCAGATATTGGCAGGGATGGTGAACCCTCTTCTATAAAAGTGAATGTCAA
TTTATTTCAAAGAATTAAAGTGTGTGGTATGTCGTTTCAGGATTATGACGTCTCG
AGTTTTATAATTCTGAAAGGGATTCCCTGCAGCCCCGGGATCCACTAGTTCTAGAGGATC
CAGACATGATAAGATAACATTGATGAGTTGGACAAACCAACTAGAACACTGAAAGAAAAATG
CTTTTATTGTGAAATTGTGATGCTTATTGCTTATTGTAAACCATTATAAGCTGCAATAACAA
GTTAACAAACAATTGCATTCAATTATGTTTCAGGTTCAAGGGAGGTGTGGAGGGTTTT
AAAGCAAGTAAACCTCTACAAATGTCGGTATGGCTGATTATGATCCTGCAAGGCCTCGTCTG
GCCGGACCAACGCTATCTGTGCAAGGTCCCCGGACGGCGCTCCATGAGCAGGGCCGCC
GAGGCAAGACTCGGGGGCGCCCTGCCACCAAGGTCAAACAGGGTAACGGCCTCTTC
ATCGGGGAATGGGGGGACCTTCAGCATGCCCTGGGGACGGGAAGTATCAGCT
CGACCAAGCTTGGCGAGATTTCAGGAGCTAAGGAAGCTAAATGGAGAAAAAATCACTGGAT
ATACCAACCGTTGATATCCCAATGGCATTCAGTCAGTCAGTTGAGGCATTTCAGTCAGTGCA

Fig. 9E

TCAATGTACCTATAACCAGACCGTTCAGCTGCATTAAATGAATCGGCCAACGGCGGGAGAGGC
GGTTTGC GT ATTGGGGCTCTTCGGCTCCTCGCTCACTGACTCGCTGGCTCGGT CGT C GGC
TGGGGCGAGCGGTATCAGCTCACTCAAAGGGGTAAATAACGGTTATCCACAGAATCAGGGATAA
CGCAGGGAAAGAACATGTGAGCAAAGGCCAGCAAAGGCCAGGAACCGTAAAAGGCCGGCTTG
CTGGCGTTTCCATAGGCTCCGGCCCTGACGAGCATCACAAAAATCGACGCTCAAAGTCAGA
GGTGGCGAACCCGACAGGACTATAAAGATAACCAGGCGTTCCCCCTGGAAAGGCTCCCTCGT GCG
CTCTCCTGTTCGACCCCTGCCGCTTACCGGATAACCTGTCGCCCTTCTCCCTTCGGAAAGCGTG
CGCCTTTCTCAATGCTCACGGCTGTAGGTATCTCAGTTCGGGTAGGT CGT TCC AAGCTGG
GCTGTGTGCACGAACCCCCGTTCAAGCCCGACCCGCTGCCCTTATCCGTA ACT ATCGTCTTGA
GTC CCAACCCGGTAAGACACGACTTATGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGA
GCGAGGGTATGTAGGGCGGTGCTACAGAGTTCTGAAGTGGTGGCCTAACTACGGCTACACTAGAA
GGACAGTATTGGTATCTGC GCTCTGCTGAAGGCCAGTTACCTTCGGAAAAGAGTTGGTAGCTC
TTGATCCGGCAAACCAACCACCGCTGGTAGGGTTTTGTGCAAGCAGCAGATTACG

Fig. 9F

CGCAGAAAAAGGATCTCAAGAAGATCCCTTGTATCTTTCTACGGGGTCTGACGCCAGTGGA
ACGAAACTCACGTTAAGGGATTGGTCATGAGATTATAAGTATAATGAGTAACCTACCTAGATCCT
TTAAATTAAAATGAAGTAAATCAATCTAAAGTATAATGAGTAACCTACCTAGATCCTAGACT
TACCAATTGCTTAATCAGTGAGGCACCTATCTCAGGGATCTGTCTATTCTGTCATCCATAGTTG
CCTGACTCCCCCGTCTGTTAGATAACTACGATAACGGGAGGGCTTACCATCTGGCCCAGTGCTGC
AATGATAACGGGAGACCCACGCTCACCGGCTCCAGATTATCAGCAATAACCAGCCAGCGGA
AGGGCCAGCGAGAAGTGGTCCCTGCAAACCTTATCCGGCTCCATCCAGTCTATTAAATTGTTGCC
GGGAAGCTAGAGTAAGTAGTTGCCAGTTAATAGTTGCGAACGTTGCTGCCATTGCTACAGG
CATCGTGGTGTCA CGCTCGTCTGGTATGGCTTCATTCA GCTCCGGTCCAACGATCAAGG
CGAGTTACATGCCCATGTTGTGCAAAAAGCGGTTAGCTCCTCGGCCATCGTTG
TCAGAAAGTAAGTTGGCCGCAGTGTATTCACTCATGGTTATGCACTGCATAATTCTCTAC
TGTCA TGCATGCCATCCGTAAGATGCTTTCTGTGACTGGTGAGTACTCAACCAAGTCATCTGAGAA
TAGTGTATGCGGGGACCGAGTTGCTCTTGGCCGGCGTCAAATACGGGATAATAACCGGCCACATA

Fig. 9G

GCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCTCAAGGGATCTT
ACCGGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACGTGATCTTCAGCATCTTT
ACTTTCACCGCGTTCTGGGTGAGCAAACAGGAAGGCCAAAATGCCGCAAAAAGGGAATAA
GGGGCACCGGAAATGTTGAATACTCATACTCTTCCTTTCAATAATTGAAAGCATTATCA
GGGTTATTGTCATGAGGGATAACATATTGAATGTATTAGAAAATAACAAATAAGGGTT
CGCGCACATTCCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATTATTATCATGACATTA
CCTATAAAAATAGGCGTATCACCGAGGCCCTTCGTC

Fig. 9H

Fig. 10A

CCCACGGCCAGCAGGTGCCCTACTACCTGGAGAACGAGCCAGGGCTACACGGTGGCGAGGC
CGGCCCGGGCATTCTACAGGCCAAATTCAAGATAATCGACGCCAGGGTGGCAGAGAAAGATTG
GCCAGTACCAATGACAAGGAAGTATGGCTATGGAATTCTGCCAAGGAGACTCGCTACTGTGCAG
TGTGCAATGACTATGCTTCAGGCTACCCATTATGGAGTCTGGTCCCTGTGAGGGCTGCAAGGGCCT
CTTCAAGAGAAGTATTCAAGGACATAACGACTATATGTTGTCAGCCACCAACCAGTGCACCAT
GATAAAACAGGAGGAAGAGGCTGCCAGGGCTCCGCAAATGCTACGAAGTGGAAATGA
TGAAAGGGATAACGAAAAGACCGAAGAGGGAGGAATGTTGAAACACAAGGGCCAGAGAGA
TGATGGGGCAGGGGTGAAGTGGGGTCTGGTAGACATGAGAGGCTGGCAACCTTGGCCA
AGCCCCGCTCATGATCAAACGCTCTAAAGAACAGGCTGGCCTGTCCCTGACGGCCGACCAAGA
TGGTCATGGCCTTGTGGATGGCTGAGCCCCCATCTTCCGAGTATGATCCTACCAAGACC
CTTCAGTGAAGCTTCGATGATGGCTTAAGTGGCTACTGACCAACCTGGCAGACAGGGAGCTGGTTCACATG
ATCAACTGGGGCAAGAGGGTGCCAGGGCTTGTGGATTGACCCCTCCATGATCAGGGTCCACCTTC
TAGAATGTGCCCTGGCTAGAGATCCTGATGATGGTCTCGTCTGGCCTCCATGGAGCACCCAGT

Fig. 10B

GAAGCTACTGTTGCTCCTAACTTGGACAGGAACCAGGAAAATGTTAGAGGGCATG
GTGGAGATCTCGACATGCTGGCTACATCATCTCGTTCCGCATGATGAATCTGCAGGGAG
AGGAGTGGCTCAAATCTATTATTGCTTAATTCTGGAGTGTACACATTTCTGTCCAG
CACCCCTGAAGTCTCTGAAAGAGAACCATATCCACCCGAGTCCTGGACAAGATCACAGACACT
TTGATCCACCTGATGCCAAGGCAGGCCCTGACCCCTGCAGCAGCACCAGGGCTGGCCAGC
TCCTCCATCTCCCACATCAGGCACATGAGTAACAAAGGCATGGAGCATCTGTACAGCAT
GAAGTGCAAGAACGTTGGCTCTATGACCTGCTGGAGATGCTGGACGCCACCGCCTA
CATGGCCCCACTAGCCCGTGGAGGGCATCCGTGGAGGAGACGGACCAAAGCCACTTGGCCACTG
CGGGCTCTACTCATGGCATTGCAAAAGTATTACATCACGGGGAGGCAGAGGGTTTCCC
TGCCACAGTCTGAGAGCTCCCTGGGAATTCGAGCTCGGTACCCGGGATCCTAGGGATC
CAGACATGATAAGATACATTGATGAGTTGGACAAACCAACTAGAATGCAGTGAaaaaaaATG
CTTTATTGTAATTGTGATGCTATTGCTTATTGCTTAACCATTATAAGCTGCAATAACCAA
GTTAACAAACAATTGCATTCAATTATGTTCAAGGTTCAAGGGAGGGTGGAGGTTTTT

Fig. 10C

AAAGCCAAGTAAAACCTCTACAATGTGGATGGCTGATTATGATCCTGCAAGCCTCGTCGGTCTG
GCCGGACCCACGCTATCTGTGCAAGGTCCCCGGACGGCGCTCCATGAGCAGGCCGCCGCC
GAGGCAAGACTCGGGCGGCCCTGCCGTCCCACCGGTAAACAGGGTAACCGGCCTCTTC
ATCGGGAATGCGCGACCTTCAGGCATGCCGGCATGTCCTGGGACGGGAAGTATCAGCT
CGACCAAGCTTGGCGAGATTTCAGGGCTAAGGAAGCTAAAATGGAGAAAAAATCACTGGAT
ATACCAACCGTTGATATACTCCAAATGGCATCGTAAAGAACATTTCAGGCATTTCAGTCAGTG
TCAATGTACCTATAACCAGACCGTTCAAGCTGCATTAAATGAATCGCCAACGGGAGAGGG
GGTTTGCCTATTGGCGCTCTTCCGCTCACTGACTCCGCTCGGTCACTGCCTCGGC
TGGGGCGAGCGGTATCAGCTCACTCAAAGGGTAATAACGGTTATCCACAGAAATCAGGGATAA
CGCAGGAAAGAACATGTGAGC AAAAGGCCAGGAACCGTAAAAAGGCCGGTGTG
CTGGCGT TTTCCATAGGCTCCGGCCCCCTGACGGACATCACAAAATCCAGCTCAAGTCAGA
GGTGGCGAACCCGACAGGACTATAAGATAACCAGGGCTTCCCCCTGGAAAGCTCCCTCGTGC
CTCTCCCTGTTCCGACCCCTGGCGCTTACCGGATACCGGCTTACCTGTCGGCTTCCGGAAAGCGT

Fig. 10D

CGGCTTTCTCAATGCTCACGGCTTAGGTATCTCAGTTCGGGTAGGTCTCGTTCGCTCCAAAGCTGG
GCTGTGCACGCCCGGTTCAAGCCGACCGACTTATGCCCACTGGCAGGCCACTGGTAACAGGATTAGCAGA
GTCCAACCCGGTAAGAACGACACTTACAGACTTACAGAGTTCTGAAGTGGTGCCCTAACGGCTACACTAGAA
GGCAGGGTATGTAGGGCGGTGCTAACAGACTTACAGAGTTCTGAAGGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTC
GGACAGTTATTGGTATCTGGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTC
TTGATCCC3CAAACAAACCACCGCTGGTAGCCGGTGGTTTGTCAAGCAGGATTACG
CGCAGAAAAAAGGATCTCAAGAACGATCCTTGTATCTTTCTACGGGGTCTGACGGCTCAGTGG
ACGAAAACCTCACGGTTAAGGGATTGGTCAATGAGATTATCAAAAAGGATCTCACCTAGATCCT
TTAAATTAAAATGAAGTTAAATCAATCTAAAGTATATGAGTAAACTTGGTCTGACAGT
TACCAATGCTTAATCAGTGGCACCTATCTCAGCGATCTGTCTATTTCAGTCATCCATAGTTG
CCTGATCCCCGCTGTGTTAGATAACTACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCA
ATGATAACCGCGAGACCCACGCTCACCCGGCTCCAGATTATCAGCAATAAACAGCCAGGGAA
GGCCGAGCGAGAAGTGGTCCCTGCAACTTATCCGCCTCCATCCAGTCTATTAAATTGTTGCCG

Fig. 10E

GGAAAGCTP GAGTAAGTAGTTGCCAAGTTAACGTTAACGTTAACGTTAACGTTAACGTTAACGAGCCATTGCTACAGGGC
ATCGTGGGTGTCA CGCTCGTCGTTGGTATGGCTTCA TTCAAGCTCCGGTTCCCAACGATCAAGGGC
GAGTTACATGATCCCCCATGTTGTGC AAAAGCGTTAGCTCCTCGGTCCGATCGTTGT
CAGAAAGTAAGTTGGCCGCAGTGTATCACTCATGTTATGGCAGGCACTGCATAATTCTCTTACT
GTCATGCCATCCGTAAGATGCTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAAT
AGTGTATGCCGGCACCGAGTTGCTCTTGCCCCGGCTCAATAACGGGATAATACCGGCCACATAG
CAGAACTTAAAAGTGCTCATCATTGGAA AACGTTCTCGGGCCAAA ACTCTCAAGGATCTTA
CCGCTGTTGAGATCCAGTTCGATGTAACCCCACTCGTGCACCCAACTGATCTTCAGGCATCTTTTA
CTTTCACCAGCGTTCTGGGTGAGC AAAACAGGAAGGCAAAATGCCGCAAAAGGGATAAAG
GGC GACACGGAAATGTTGAA TACTCATACTCTCCCTTCAATATTGAAGCATTATCAG
GGTTATTGTTCTCATGAGCGGATA CATATTGAATGTATTAGAAAATAACAAATAGGGTTC
CGCGCACATTCCCCGAA AAGTGCCACCTGACGTCTAACGAAACCATTATTATCATGACATTAAAC
CTATAAAAATAGGGCTTATCACCGAGGCCCTTCGTC

Fig. 10F

FIG. 11

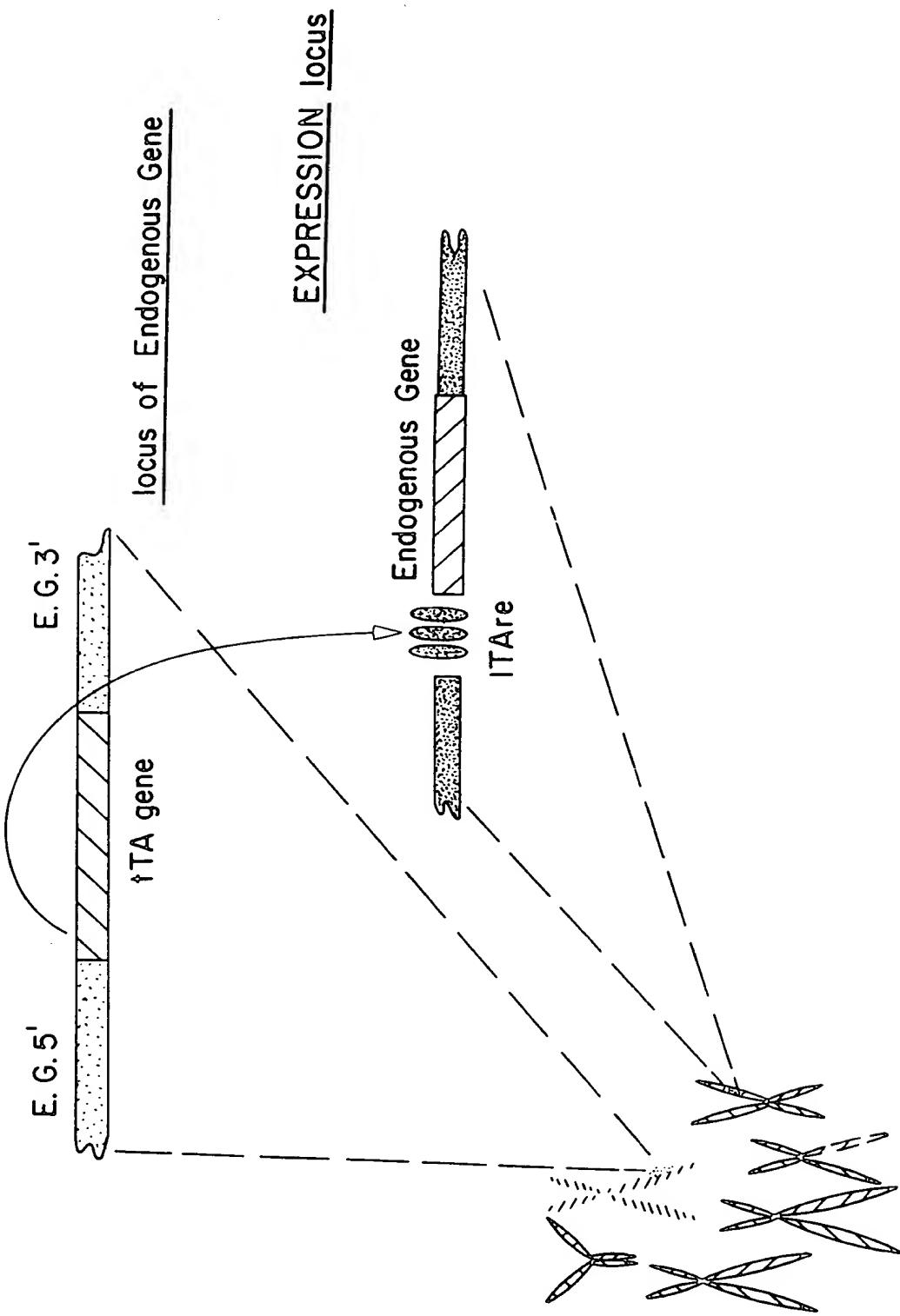


FIG. 12

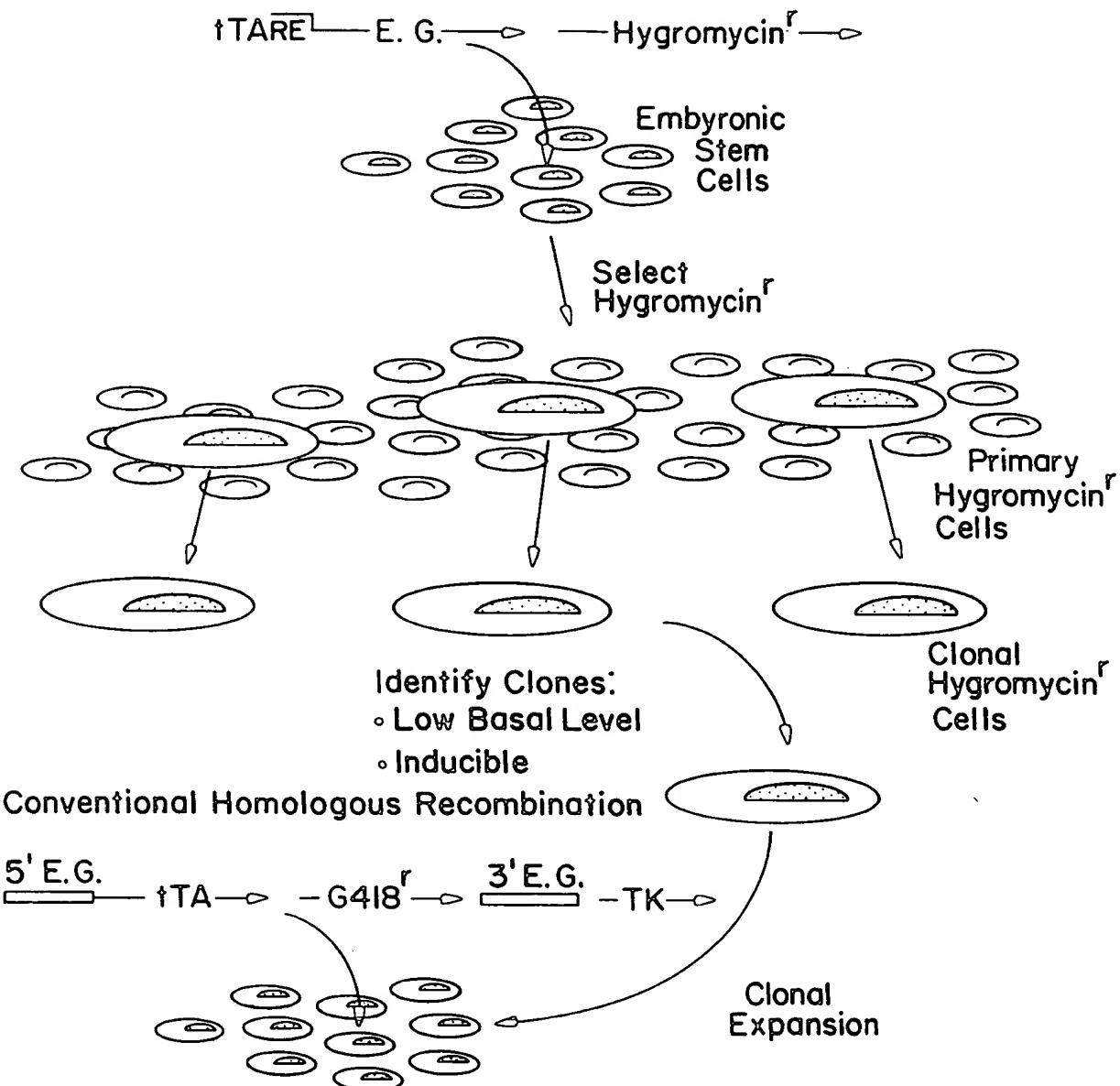


FIG. 13A

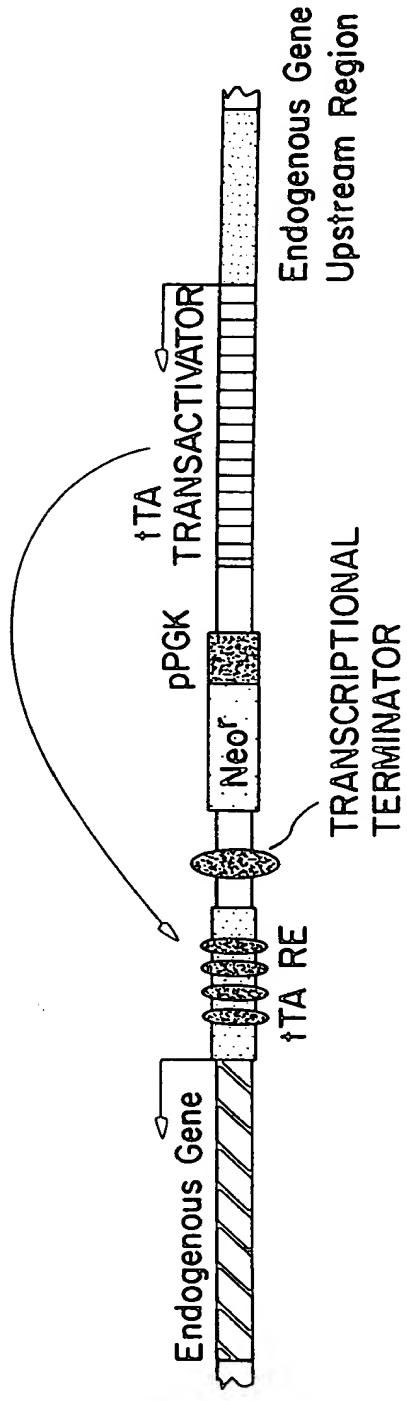


FIG. 13B

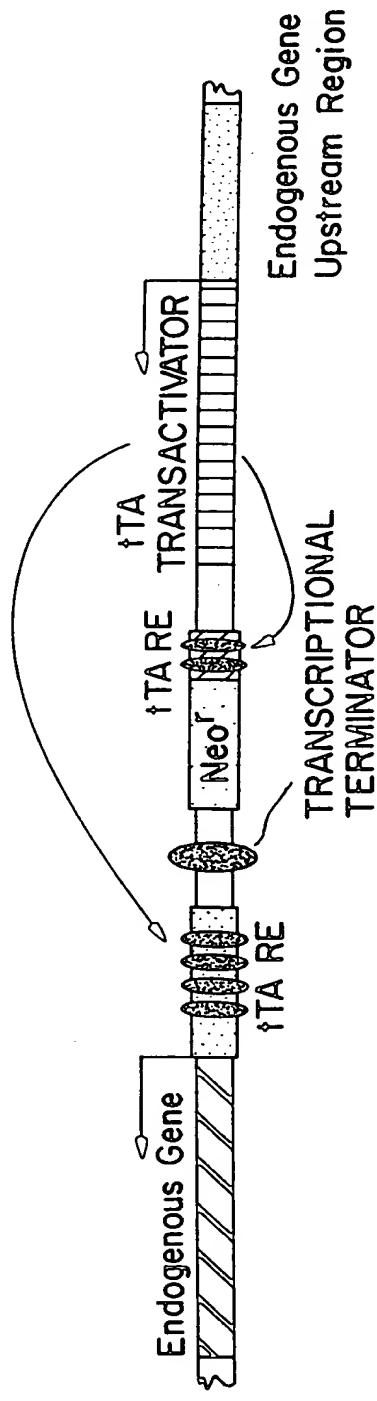


FIG. 14

